

CLAIMS

We claim:

1. Apparatus comprising:

an automated transaction machine including:

a computer, the computer in operative connection with a memory;

an input device in operative connection with the computer, wherein the input device is operative to accept user inputs;

a sheet dispenser in operative connection with the computer, wherein the sheet dispenser is operative to dispense sheets;

software executable in the computer, wherein the software includes a first object operative to control the input device, and a second object which is operative to control the sheet dispenser, wherein the computer is operative to access at least one HTTP address, wherein transaction device instructions are accessible at the

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address, and wherein the first object operates the input device and the second object operates the sheet dispenser responsive to the instructions, and wherein the software further includes a transaction data object, wherein the transaction data object is in operative connection with the first object and second object and is operative to store therein data representative of both user inputs to the input device and the dispense of sheets by the dispenser.

2. The apparatus according to claim 1 wherein the software includes a browser and wherein the computer is operative to access the address through the browser.

3. The apparatus according to claim 2 wherein at least one transaction device instruction is included in an HTML document.

4. The apparatus according to claim 1 wherein the input device includes a card reader, and wherein the transaction data object includes data representative of card data read by the card reader.

5. The apparatus according to claim 1 wherein the software further includes a third object in operative connection with the transaction data object, and wherein the third object is operative to access the data in the transaction data object.

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6. The apparatus according to claim 5 wherein the machine further includes a printer, and wherein the third program is operative to control the printer, and wherein the third object is operative to cause the printer to print data corresponding to data stored in the transaction data object.

7. The apparatus according to claim 1 and further comprising at least one HTTP server, wherein the HTTP address corresponds to the server, wherein a plurality of transaction device instructions are accessible through the server, wherein first instructions are accessible at a first address and second instructions are accessible at a second address and wherein the computer is operative to access the first instructions at the first address and the first object is operative to control the input device responsive to the first instructions, and wherein the computer is operative to access the second instructions at the second address and the second object is operative to control the sheet dispenser responsive to the second instructions.

8. The apparatus according to claim 7 wherein the software further comprises a browser, and wherein the computer is operative to access the first and second instructions through the browser.

9. The apparatus according to claim 1 and further comprising a back office processing system in operative connection with the computer, and wherein the software is operative to communicate at least a portion of the data stored in the transaction data object to the back office processing system.

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(e) generating second data with the second device, responsive to operation of the second device; and

(f) storing the second data in the transaction data object.

13. The method according to claim 13 wherein the first device includes a card reader and the second device includes a keyboard, and wherein the first data includes data representative of card data read from a card and the second data includes data representative of an input to the keyboard.

15. The method according to claim 11 and further comprising the steps of:

(d) accessing the data included in the transaction data object with a software object operative in the computer; and

(e) controlling a second device in the machine with the computer responsive to the object and the data in the transaction data object.

16. The method according to claim 15 wherein in step (e) the second device includes a printer, and wherein in step (e) the printer is operative to print indicia corresponding to data in the transaction data object.

17. The method according to claim 11 wherein the computer includes a browser and wherein step (a) comprises accessing the first address with the browser.

54307 18. A method comprising the steps of:

- (a) accepting identifying data from a user of an automated banking machine;
- (b) storing data corresponding to the identifying data in a transaction data object in software operating in a first computer in operative connection with the machine;
- (c) conducting a first transaction responsive to a user input to the machine, wherein conducting the first transaction includes accessing the data in the transaction data object.

19. The method according to claim 18 wherein step (c) includes operating a first transaction function device in the machine, and further comprising the step of:

- (d) storing data corresponding to operation of the transaction function device in the transaction data object.

20. The method according to claim 18 and further comprising the step of:

(d) conducting a second transaction responsive to a user input to the machine, wherein conducting the second transaction includes accessing the data in the transaction data object.

21. The method according to claim 18 and further comprising the step of:

(d) accounting for the first transaction by the user, including passing the transaction data object from the first computer.

22. The method according to claim 18 and further comprising the step of:

(d) producing a printed record corresponding to the first transaction with the machine, including accessing the data in the transaction data object and producing indicia in the printed record corresponding to at least a portion of the data stored in the transaction data object.

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